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02/27/2006

Ivan S. Kavrukov, Esq.  
 Cooper & Dunham LLP  
 1185 Avenue of the Americas  
 New York, NY 10036

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Paul Teng

(Depositor's name)

*Paul Teng*  
 May 24, 2006

(Signature)

(Date)

05/30/2006 CCHAU2 00000058 033125 10701249

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/701,249	11/04/2003	Junji Ichimiya	2271/71388	6111

TITLE OF INVENTION: LAYOUT DESIGN METHOD OF SEMICONDUCTOR INTEGRATED CIRCUIT, AND SEMICONDUCTOR INTEGRATED CIRCUIT, WITH HIGH INTEGRATION LEVEL OF ~~MULTIPLE LEVEL METALLIZATION~~

**MULTI-LEVEL METALLIZATION**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/30/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TO, TUYEN P	2825	716-010000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Ricoh Company, Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-3125 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Paul Teng

Date May 24, 2006

Typed or printed name

Registration No. 40,837

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Dkt. 2271/71388

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Junji ICHIMIYA

Serial No.: 10/701,249

Date Filed: November 4, 2003

For: LAYOUT DESIGN METHOD FOR SEMICONDUCTOR INTEGRATED CIRCUIT,  
AND SEMICONDUCTOR INTEGRATED CIRCUIT, WITH HIGH INTEGRATION  
LEVEL OF MULTILEVEL METALLIZATION (as amended)

Conf. No.: 6111

Class-Subclass: 716-010000

**Issue Fee Due Date: May 30, 2006**

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P.O. Box 1450  
Alexandria, VA 22313-1450

**APPLICANT'S COMMENTS ON  
EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE**

Sir:

Applicant appreciates the Examiner's Statement of the Reasons for Allowance attached to the Notice of Allowability dated February 27, 2006 and submits that the allowed claims recite subject matter which further supports patentability for reasons in addition to those identified in the Reasons for Allowance.

Respectfully submitted,

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Tel.: (212) 278-0400

I hereby certify that this correspondence is being transmitted by facsimile this date and deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Paul Teng  
Reg. No. 40,837

May 24, 2006  
Date